EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	120	"5189751"	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/23 16:23
S2	67	S1 and frequency	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/23 16:24
S3	1422	15/22.1	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/23 16:25
S4	320	S3 and frequency	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/23 16:26
S5	82	S3 and (frequency with resonan$4)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/23 16:26
S6	50	S3 and (frequency with resonan$4) and amplitude	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/23 16:29
S7	119	"5378153"	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/24 09:49
S8	2450	15/22.1 310/10	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/24 11:01
S9	17	S8 and (triang$4 with wave)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/24 11:01
S10	188222	"318"/$.ccls. "310"/$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/24 11:56
S11	389	S10 and (duty near factor)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/24 11:56
S12	185	S10 and (duty near factor) and frequenc$3 and (modulat$4 deviat $4)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/24 11:57

S13	3	S10 and (duty near factor) and frequenc$3 and (modulat$4 deviat $4) and toothbrush	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/24 11:57
S14	114	("1832519" | "2044863" | "2246523" | "2278365" | "2709227" | "2734139" | "2878499" | "2917758" | "2977614" | "3159859" | "3493793" | "3500080" | "3535726" | "3538359" | "4787847").PN. OR ("5189751").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/24 12:05
S15	43	S14 and frequency	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/24 12:05
S16	29917	frequency and (duty with (factor cycle)) and amplitude	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/24 20:51
S17	1230	S16 and (toothbrush brush)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/24 20:51
S18	118	S16 and (toothbrush)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/24 20:51
S19	29144	frequency and (duty near (factor cycle)) and amplitude	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/24 20:52
S20	118	S19 and toothbrush	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/24 20:52
S21	1	"20020156402"	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/28 20:59
S22	2	"6918300"	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/28 21:29
S23	45	"5784742"	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/29 09:28
S24	1334	frequency and (triang $4 with wave) and ("310"/$.ccls. "318"/$. ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/29 10:19

S25	1132	frequency and (triang $4 near wave) and ("310"/$.ccls. "318"/$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/29 10:19
S26	1	frequency and (triang $4 near wave) and ("310"/$.ccls. "318"/$.ccls.) and (toothbrush)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/29 10:19
S27	91	frequency and (triang $4 near wave) and ("310"/$.ccls. "318"/$.ccls.) and (toothbrush brush)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/29 10:19
S28	91	frequency and (triang $4 near wave) and ("310"/$.ccls. "318"/$.ccls.) and (toothbrush brush (brush near head))	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/29 10:20
S29	129	frequency and (triang $4 near wave) and ("310"/$.ccls. "318"/$.ccls.) and (toothbrush brush (brush near head) appliance)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/29 10:20
S30	338	lilley.in.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/29 12:55
S31	16	lilley.in. and ronald	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/29 12:55
S32	9	("20020156402" | "20020084707" | "4403176" | "5189751" | "5784742" | "5613259" | "6002195" | "6664748" | "6918300").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/03/11 13:05
S33	13	("20020092104" | "20030115693" | "5027285" | "5150492" | "5189751" | "5263218" | "5305492" | "5369980" | "5378153" | "5613259" | "5754016" | "6391042" | "6441571").PN. OR ("6918300").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/03/11 13:09

S34	13	S33 and frequenc$4	US-PGPUB; USPAT; USOCR	OR	ON	2011/03/11 13:09
S35	1	"10582837"	US-PGPUB; USPAT; USOCR	OR	ON	2011/03/12 16:54
S36	2567	15/22.1 310/10	US-PGPUB; USPAT; USOCR	OR	ON	2011/03/12 17:32

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	3	(((chang$3 vary$3) with drive with frequency) and (interval period$3 regular$3) and toothbrush).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/03/12 19:04
S37	2567	15/22.1 310/10	US-PGPUB; USPAT; UPAD	OR	ON	2011/03/12 17:33
S38	637	S37 and frequency	US-PGPUB; USPAT; UPAD	OR	ON	2011/03/12 17:33
S39	15	lilley.in. and ronald	US-PGPUB; USPAT; UPAD	OR	ON	2011/03/12 17:36
S40	234	S37 and frequency and amplitude	US-PGPUB; USPAT; UPAD	OR	ON	2011/03/12 17:37
S41	76	S37 and (drive with frequency) and amplitude	US-PGPUB; USPAT; UPAD	OR	ON	2011/03/12 17:38
S42	220	a61c17/32.ipc. a61c17/22.ipc. a61c17/34.ipc.	US-PGPUB; USPAT; UPAD	OR	ON	2011/03/12 17:41
S43	99	S42 and frequency	US-PGPUB; USPAT; UPAD	OR	ON	2011/03/12 17:42
S44	36	S42 and (drive with frequency)	US-PGPUB; USPAT; UPAD	OR	ON	2011/03/12 17:42
S46	11112	(((chang$3 vary$3) with drive with frequency)	US-PGPUB; USPAT; UPAD	OR	ON	2011/03/12 17:48

S47	8172	((chang$3 vary$3) with drive with frequency) and (interval period$3 regular$3)	US-PGPUB; USPAT; UPAD	OR	ON	2011/03/12 17:49
S48	43	((chang$3 vary$3) with drive with frequency) and (interval period$3 regular$3) and toothbrush	US-PGPUB; USPAT; UPAD	OR	ON	2011/03/12 17:49

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